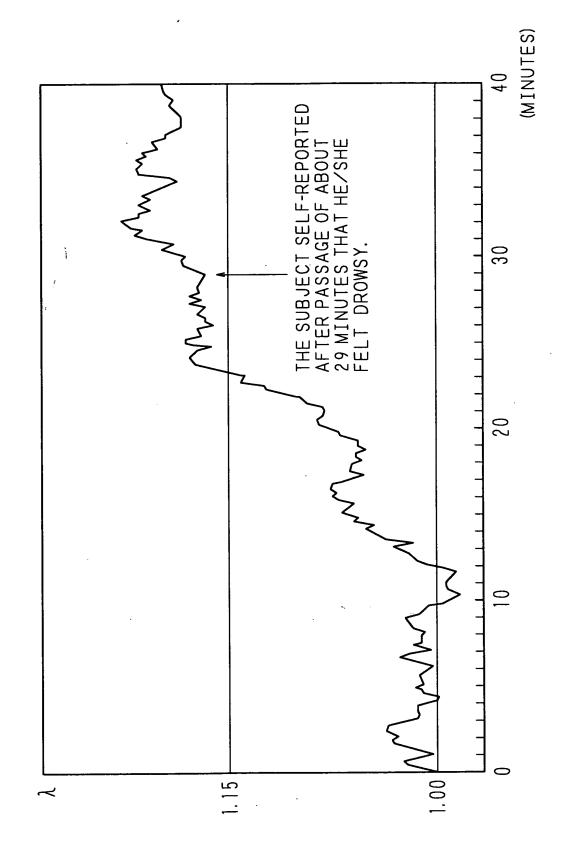
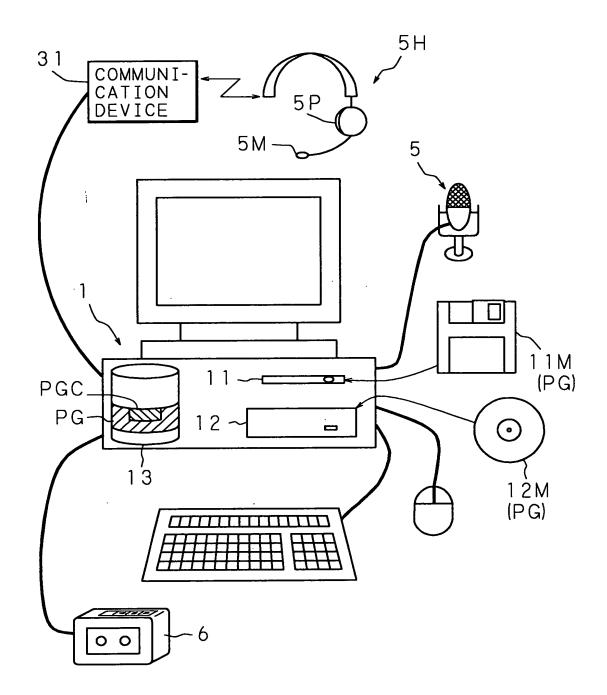
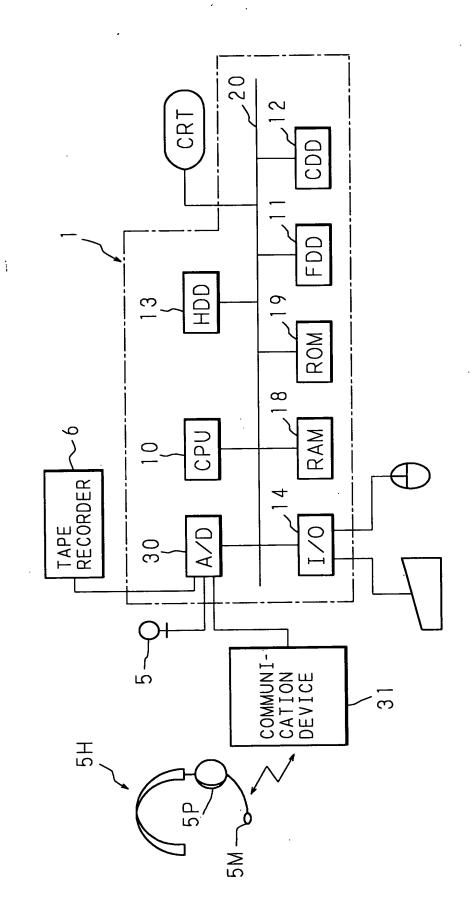
FIG.



F I G. 2







(
	PC13: TO REMOVE A VOICELESS PART FROM DATA
	PC14: TO GENERATE DATA, IF NECESSARY
	PC15: TO CALCULATE LYAPUNOV EXPONENTS BY
İ	CHAOS ANALYSIS OF DIGITAL DATA
	(CHAOS ANALYSIS PROCESS)
	PC16: TO STORE CALCULATION RESULTS OF
	LYAPUNOV EXPONENTS IN HDD 13 OR
]	RAM 18
	PC17: TO READ LYAPUNOV EXPONENTS STORED
	IN HDD 13 OR RAM 18
}	PC18: TO DETERMINE FATIGUE LEVEL AND/OR
1 i M	DOZING STATE BY COMPARING LYAPUNOV
1 1 1 1 1 1	EXPONENTS OF VOICES UTTERED AT
	DIFFERENT POINTS OF TIME
	PC19: TO GIVE ALARM ACCORDING TO
	RESULT OF DETERMINATION
l	

FIG. 5

